

Title (en)

WASTEWATER TREATMENT PROCESS USING ELECTROCHEMICAL ELECTRODE DEVICE

Title (de)

ABWASSERBEHANDLUNGSVERFAHREN MITTELS ELEKTROCHEMISCHER ELEKTRODEVORRICHTUNG

Title (fr)

PROCÉDÉ DE TRAITEMENT D'EAUX USÉES FAISANT APPEL À UN DISPOSITIF À ÉLECTRODE ÉLECTROCHIMIQUE

Publication

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Application

EP 16845733 A 20160914

Priority

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- CN 2016099063 W 20160914

Abstract (en)

The invention provides a wastewater treatment process by an electrochemical apparatus in which the apparatus comprises at least one electrochemical cell having suitable electrode plates. The process comprises passing wastewater containing undesirable solutes through at least one electrochemical cell to which a DC electrical current is applied to destroy the undesirable solutes in the wastewater so as to produce water having a lower concentration of the undesirable solutes, wherein the DC current applied to the electrochemical cell comprises at least a constant current stage wherein the constant current is modified by a factor calculated during a previous DC power cycle.

IPC 8 full level

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